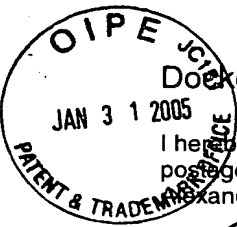


1fw



Docket No.: S&ZFH031001

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

By: 

Date: January 28, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applic. No.	:	10/679,085	Confirmation No: 3524
Applicant	:	Jürgen Herre et al.	
Filed	:	October 2, 2003	
Title	:	Compatible Multi-Channel Coding/Decoding	
Art Unit	:	2644	
Examiner	:	to be assigned	
Docket No.	:	S&ZFH031001	
Customer No.	:	24131	

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner for Patents

Sir:

In accordance with 37 C.F.R. 1.98 copies of the following patents and/or publications are submitted herewith:

United States Patent Application Publication US 2003/0026441 A1 (Faller), dated February 6, 2003;

United States Patent Application Publication US 2003/0035553 A1 (Baumgarte et al.), dated February 20, 2003;

United States Patent Application Publication US 2003/0219130 A1 (Baumgarte et al.), dated November 27, 2003;

Jürgen Herre et al.: "Intensity Stereo Coding", *Audio Engineering Society, Convention Paper 3799*, 96th Convention, February 26 – March 1, 1994, Amsterdam, Netherlands, pp. 1-10;

Christof Faller et al.: "Binaural Cue Coding Applied to Stereo and Multi-Channel Audio Compression", *Audio Engineering Society, Convention Paper 5574, 112th Convention, May 10-13, 2002, Munich, Germany, pp. 1-9;*

Christof Faller et al.: "Binaural Cue Coding. Part II: Schemes and Applications", *IEEE Transactions on Speech and Audio Processing*, Vol. XX, No. Y, Month 2002, pp. 1-12;

Günther Theile et al.: "MUSICAM-Surround: A Universal Multi-Channel Coding System Compatible with ISO 11172-3", *Audio Engineering Society, Convention Paper 3403, 93rd Convention, October 1-4, 1992, San Francisco, pp. 1-9;*

B. Grill et al.: "Improved MPEG-2 Audio Multi-Channel Encoding", *Audio Engineering Society, Convention Paper 3865, 96th Convention, February 26 – March 1, 1994, Amsterdam, Netherlands, pp. 1-9;*

Frank Baumgarte et al.: "Binaural Cue Coding – Part I: Psychoacoustic Fundamentals and Design Principles", *IEEE Transactions on Speech and Audio processing*, Vol. 11, No. 6, November 2003, pp. 509-519;

Recommendation ITU-R BS 775-1: "Multichannel stereophonic sound system with and without accompanying picture", 11pgs.;

Juergen Herre et al.: "MP3 Surround: Efficient and Compatible Coding of Multi-Channel Audio", *Audio Engineering Society, Convention Paper 6049, 116th Convention, May 8-11, 2004, Berlin, Germany, pp. 1-14;*

Joseph Hull: "Surround Sound Past, Present, and Future", *Dolby Laboratories, 1999, pp 1-7;*

Roger Dressler: "Dolby Surround Pro Logic II Decoder Principles of Operation", *Dolby Laboratories, Inc., 2000, pp. 1-7;*

Jürgen Herre et al.: "Combined Stereo Coding", *Audio Engineering Society, Convention Paper 3369, 96th Convention, October 1-4, 1992, San Francisco, pp. 1-17*;

Dolby Laboratories, Inc. User's Manual: "Dolby DP563 Dolby Surround and Pro Logic II Encoder", *Issue 3, 2003*;

Minnetonka Audio Owner's Manual: "SurCode for DOLBY PRO LOGIC II", *pp. 1-23*.

As per the Notice in 1273 OG 55 (August 5, 2003) no copies of any above-mentioned U.S. patents and U.S. patent application publications are submitted for any application filed after June 30, 2003.

Respectfully submitted,


For Applicants

Alfred K. Dassler
52,794

Date: January 28, 2005

Lerner And Greenberg, P.A.
Post Office Box 2480
Hollywood, FL 33022-2480
Tel: (954) 925-1100
Fax: (954) 925-1101

/bmb

FORM PTO-1449 (SUBSTITUTE)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(37 CFR 1.98(b))Attorney Docket No.:
S&ZFH031001Applic. No.
10/679,085

Applicant

Jürgen Herre et al.

Filing Date
October 2, 2003Group Art Unit
2644

U.S. PATENT DOCUMENTS

EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A	2003/0026441 A1	02/06/03	Faller			
	B	2003/0035553 A1	02/20/03	Baumgarte et al.			
	C	2003/0219130 A1	11/27/03	Baumgarte et al.			
	D						
	E						
	F						
	G						
	H						
	I						

FOREIGN PATENT DOCUMENT

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO
	J						
	K						
	L						
	M						
	N						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	O	Jürgen Herre et al.: "Intensity Stereo Coding", <i>AES 96th Convention, February 26 – March 1, 1994, Amsterdam, Netherlands, AES preprint 3799, pp. 1-10</i>
	P	Christof Faller et al.: "Binaural Cue Coding Applied to Stereo and Multi-Channel Audio Compression", <i>Audio Engineering Society, Convention Paper 5574, 112th Convention, May 10-13, 2002, Munich, Germany, pp. 1-9</i>

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (SUBSTITUTE) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))	Attorney Docket No.: S&ZFH031001	Applic. No. 10/679,085
	Applicant Jürgen Herre et al.	
	Filing Date October 2, 2003	Group Art Unit 2644

U.S. PATENT DOCUMENTS

EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						

FOREIGN PATENT DOCUMENT

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO
	J						
	K						
	L						
	M						
	N						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	O	Christof Faller et al.: "Binaural Cue Coding. Part II: Schemes and Applications", <i>IEEE Transactions on Speech and Audio Processing</i> , Vol. XX, No. Y, Month 2002, pp. 1-12
	P	Günther Theile et al.: "MUSICAM-Surround: A Universal Multi-Channel Coding System Compatible with ISO 11172-3", <i>Audio Engineering Society, Convention Paper 3403, 93rd Convention, October 1-4, 1992, San Francisco</i> , pp. 1-9

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (SUBSTITUTE) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))				Attorney Docket No.: Applic. No. S&ZFH031001 10/679,085 Applicant Jürgen Herre et al. Filing Date Group Art Unit October 2, 2003 2644			
U.S. PATENT DOCUMENTS							
EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
FOREIGN PATENT DOCUMENT							
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO
	J						
	K						
	L						
	M						
	N						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
	O	B. Grill et al.: "Improved MPEG-2 Audio Multi-Channel Encoding", <i>Audio Engineering Society, Convention Paper 3865, 96th Convention, February 26 – March 1, 1994, Amsterdam, Netherlands, pp. 1-9</i>					
	P	Frank Baumgarte et al.: "Binaural Cue Coding – Part I: Psychoacoustic Fundamentals and Design Principles", <i>IEEE Transactions on Speech and Audio processing, Vol. 11, No. 6, November 2003, pp. 509-519</i>					
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

FORM PTO-1449 (SUBSTITUTE) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))	Attorney Docket No.: S&ZFH031001	Applic. No. 10/679,085
	Applicant Jürgen Herre et al.	
	Filing Date October 2, 2003	Group Art Unit 2644

U.S. PATENT DOCUMENTS

EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						

FOREIGN PATENT DOCUMENT

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO
	J						
	K						
	L						
	M						
	N						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	O	Recommendation ITU-R BS 775-1: "Multichannel stereophonic sound system with and without accompanying picture", 11pgs.
	P	Juergen Herre et al.: "MP3 Surround: Efficient and Compatible Coding of Multi-Channel Audio", <i>Audio Engineering Society, Convention Paper 6049, 116th Convention, May 8-11, 2004, Berlin, Germany, pp. 1-14</i>

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (SUBSTITUTE) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))	Attorney Docket No.: S&ZFH031001	Applic. No. 10/679,085
	Applicant Jürgen Herre et al.	
	Filing Date October 2, 2003	Group Art Unit 2644

U.S. PATENT DOCUMENTS

EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						

FOREIGN PATENT DOCUMENT

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO
	J						
	K						
	L						
	M						
	N						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	O	Joseph Hull: "Surround Sound Past, Present, and Future", <i>Dolby Laboratories</i> , 1999, pp. 1-7
	P	Roger Dressler: "Dolby Surround Pro Logic II Decoder Principles of Operation", <i>Dolby Laboratories, Inc.</i> , 2000, pp. 1-7

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (SUBSTITUTE) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))	Attorney Docket No.: S&ZFH031001	Applic. No. 10/679,085
	Applicant Jürgen Herre et al.	
	Filing Date October 2, 2003	Group Art Unit 2644

U.S. PATENT DOCUMENTS

EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						

FOREIGN PATENT DOCUMENT

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO
	J						
	K						
	L						
	M						
	N						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	O	Jürgen Herre et al.: "Combined Stereo Coding", <i>Audio Engineering Society, Convention Paper 3369, 96th Convention, October 1-4, 1992, San Francisco, pp. 1-17</i>
	P	Dolby Laboratories, Inc. User's Manual: "Dolby DP563 Dolby Surround and Pro Logic II Encoder", <i>Issue 3, 2003</i>

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (SUBSTITUTE) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))	Attorney Docket No.: S&ZFH031001	Applic. No. 10/679,085
	Applicant Jürgen Herre et al.	
	Filing Date October 2, 2003	Group Art Unit 2644

U.S. PATENT DOCUMENTS

EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						

FOREIGN PATENT DOCUMENT

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO
	J						
	K						
	L						
	M						
	N						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	O	Minnetonka Audio Owner's Manual: "SurCode for DOLBY PRO LOGIC II", pp. 1-23
	P	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.